	Column: Energy Sources; Unit: Establishment Counts.	sidual Fuel Oil to Alternative Energy Sources, 2006;										
NAICS Code(a)	Subsector and Industry	Residual Fuel Oil(b)					Alternative Energy Sources(c)					
		Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(f)	
		Total United States	•									
11	Food	326	178	23		150	Q	0	Q	0	,	
3112 311221	Grain and Oilseed Milling Wet Corn Milling	15 W	8	5 W	0	8		0	0	0		
31131	Sugar Manufacturing	11	w	w	0	w	w	0	0	0		
3114	Fruit and Vegetable Preserving and Specialty Foods	13	10	W	0	8	3	0	W	0		
115	Dairy Products	25	19	4		4	Q	0	W	0		
116	Animal Slaughtering and Processing	45	Q	8		Q	0	0	0	0		
12 3121	Beverage and Tobacco Products Beverages	15 8	12 8	7 W	0	12 8	W	0	0	0		
122	Tobacco	o 7	4	W	0	4	w	0	0	0		
13	Textile Mills	116	90	25		90	0	0	0	0		
4	Textile Product Mills	23	10	W	0	5	W	0	0	0		
5	Apparel	W	0	0		0	0	0	0	0		
16	Leather and Allied Products	3	0	W	0	0	0	0	0	0		
21	Wood Products	103	Q	11	0	W	Q	0	0	0		
321113 3212	Sawmills Veneer, Plywood, and Engineered Woods	9	0	9 W	0	0		0	0	0		
212	Other Wood Products	86	w	0		0		0	0	0		
22	Paper	208	105	95		92		W	w	0		
322110	Pulp Mills	12	5	6		4	W	0	W	0		
322121	Paper Mills, except Newsprint	87	46	52		40	4	4	W	0		
322122	Newsprint Mills	3	0	W	0	0		0	0	0		
322130	Paperboard Mills	61	37	29		31	7	5	0	0		
23 24	Printing and Related Support Petroleum and Coal Products	Q 98	0 77	Q 13		0 12		0	0 4	0		
324110	Petroleum Refineries	31	16	13		12		0	4	0		
324199	Other Petroleum and Coal Products	0	0	0		0		0	0	0		
25	Chemicals	91	54	17	0	50		W	0	0		
325110	Petrochemicals	W	W	W	0	W	0	0	0	0		
325120	Industrial Gases	0	0	0		0		0	0	0		
325181	Alkalies and Chlorine	0	0	0		0		0	0	0		
325182 325188	Carbon Black Other Basic Inorganic Chemicals	W 10	W 4	0	0	W 4	0	0	0	0		
325192	Cyclic Crudes and Intermediates	W	W	W	0	0	w	0	0	0		
325193	Ethyl Alcohol	0	0	0		0		0	0	0		
325199	Other Basic Organic Chemicals	16	8	4	0	7	4	Ō	0	Ō		
325211	Plastics Materials and Resins	4	4	0	0	4	0	0	0	0		
325212	Synthetic Rubber	W	W	0	0	W	W	0	0	0		
325222	Noncellulosic Organic Fibers	13	13	0		13	W	W	0	0		
325311 325312	Nitrogenous Fertilizers Phosphatic Fertilizers	0 W	0	0 W		0		0	0	0		
254	Pharmaceuticals and Medicines	24	Q	3		Q		0	0	0		
325412	Pharmaceutical Preparation	16	Q	3		Q		0	0	ő		
325992	Photographic Film, Paper, Plate, and Chemicals	W	W	W	0	W	0	0	0	0		
26	Plastics and Rubber Products	92	55	Q		27	Q	0	0	0		
27	Nonmetallic Mineral Products	104	Q	Q		Q	W	W	W	W		
327211	Flat Glass	W	W	0		0		0	0	0		
327212 327213	Other Pressed and Blown Glass and Glassware Glass Containers	0	0	0		0		0	0	0		
327215	Glass Containers Glass Products from Purchased Glass	0	0			0		0	0	0		
327310	Cements	6	Q	w		Q		w	w	w		
327410	Lime	W	Ŵ	0		W	W	0	0	0		
327420	Gypsum	W	0	0		0		0	0	0		
327993	Mineral Wool	0	0	0		0		0	0	0		
31	Primary Metals	30	5	Q		5		0	0	0		
331111	Iron and Steel Mills	9	W	W	0	W	0	0	0	0		
331112 312	Electrometallurgical Ferroalloy Products Steel Products from Purchased Steel	0	0	0		0		0	0	0		
312 313	Alumina and Aluminum	0	W	0		W	0	0	0	0		
331314	Secondary Smelting and Alloying of Aluminum	W	0	0		0		0	0	0		
331315	Aluminum Sheet, Plate and Foils	0	0	0		0		0	0	0		
331316	Aluminum Extruded Products	w	w	0		w	0	0	0	0		
		• • • • • • • • • • • • • • • • • • • •										
314	Nonferrous Metals, except Aluminum	W	W	W	0	W	0	0	0	0		

Table 10.5 Number of Establishments with Capability to Switch Residual Fuel Oil to Alternative Energy Sources, 2006;

Level: National Data; Row: NAICS Codes; Column: Energy Sources; Unit: Establishment Counts.

		Re	Alternative Energy Sources(c)								
NAICS Code(a)	Subsector and Industry	Total Consumed(d)	Switchable	Not Switchable	Electricity Receipts(e)	Natural Gas	Distillate Fuel Oil	Coal	LPG	Coal Coke and Breeze	Other(f)
331511	Iron Foundries	W	0	0	0	0	0	0	0	0	0
331521	Aluminum Die-Casting Foundries	0	0	0	0	0	0	0	0	0	0
331524	Aluminum Foundries, except Die-Casting	W	0	W	0	0	0	0	0	0	0
332	Fabricated Metal Products	Q	0	Q	0	0	0	0	0	0	0
333	Machinery	W	W	0	0	W	0	0	0	0	0
334	Computer and Electronic Products	7	6	5	0	6	W	0	0	0	0
334413	Semiconductors and Related Devices	W	0	W	0	0	0	0	0	0	0
335	Electrical Equip., Appliances, and Components	0	0	0	0	0	0	0	0	0	0
336	Transportation Equipment	111	18	89	0	18	0	0	0	0	0
336111	Automobiles	W	W	W	0	W	0	0	0	0	0
336112	Light Trucks and Utility Vehicles	W	W	0	0	W	0	0	0	0	0
3364	Aerospace Product and Parts	Q	5	Q	0	5	0	0	0	0	0
336411	Aircraft	W	0	W	0	0	0	0	0	0	0
337	Furniture and Related Products	Q	W	W	0	0	W	0	0	0	0
339	Miscellaneous	Q	Q	W	0	W	W	0	0	0	0
	Total	2,000	839	838	10	540	347	13	27	W	Q

- (a) The Bureau of the Census classifies establishments using the North American Industry Classification System (NAICS).
- (b) These counts include only those establishments that reported this activity in 2006.
- (c) 'Alternative Energy Sources' consist of those energy sources that could have been substituted for residual fuel oil during 2006. The quantities are expressed in thousands of barrels, and therefore represent the quantity of residual fuel oil that could have been displaced by the given alternative type of energy.
- (d) 'Total Consumed' represents those quantities (Total Inputs) of residual fuel oil that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.
- (e) 'Electricity Receipts' represents those quantities of electricity generated off the manufacturing establishment site and available at the site for consumption. It includes those quantities for which payment was made, quantities transferred in, quantities purchased and paid for by a central purchasing entity, and quantities for which payment was made in kind. It does not include electricity generated onsite. 'Electricity Receipts' has not been adjusted to account for any quantities that might have been resold or transferred out. The estimates include those quantities that were ascertained switchable or not switchable, plus an additional quantity for which the switching status was not ascertained.
- (f) 'Other' includes all other types of energy not already identified that respondents indicated could have been consumed in place of residual fuel oil.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. Totals may not equal sum of components because of independent rounding.

components because of independent rounding.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, '2006 Manufacturing Energy Consumption Survey.'